RU 30440 U1

SYSTEM FOR DETERMINING ADDRESS OF OBJECT, COORDINATES THEREOF AND ROUTE FOR TRAVELING THERETO

CLAIMS OF UTILITY MODEL

1. A system for determining an address of an object, coordinates thereof and a route for traveling thereto, comprising a memory unit with place data, a memory unit with object data, a memory unit with object coordinate information, a searching unit, a travel route determining unit, an input unit, a processor, and a display unit, said units being coupled to each other by control and data buses, said system being characterized in that it further includes a unit for identifying an owner of a database or databases with object data and a unit for controlling said database or databases, said units being coupled by control and data buses to each other and to other said functional units of the system.

2. A system according to claim 1, characterized in that the memory unit with object coordinate information uses any coordinate systems for determining a position of an object.

3. A system according to any one of claims 1 and 2, characterized in that it uses any point of the terrestrial globe as a center (an origin) of a coordinate system, for example a pole of a polar coordinate system.

4. A system according to any one of claims 2 and 3, characterized in that one axis of the coordinate system coincides with a direction to a selected geographic point, for example, to the city of Mecca (Saudi Arabia) or to any other geographic point.

5. A system according to any one of claims 1 to 4, characterized in that it is capable of exchanging data on hard copies and/or in telecommunication network, wherein the input unit and the display unit are embodied as transceiver devices operating, for example, in the GPS standard.

6. A system according to claim 5, characterized in that the telecommunication network is a local communication network or represents combined global and local communication networks and/or a satellite communication network and/or a mobile communication network and/or a cellular communication network.

7. A system according to any one of claims 1 to 6, characterized in that the object is a building and/or a construction and/or a physical person and/or a juridical person and/or a vehicle and/or a territory and//or a water body and/or an animal and/or a bird and/or an

insect.

8. A system according to any one of claims 1 to 7, characterized in that at least one coordinate of the object is associated with at least one mail address completely or partially and/or one arbitrary digit and/or one arbitrary number and/or one e-mail address completely or partially and/or a web address completely or partially and/or one word and/or one word combination and/or one surname and/or one name and/or one patronymic name and/or one initials and/or one pseudonym and/or one letter combination and/or one alpha-numerical combination and/or one image and/or one character and/or one symbol and/or one cipher and/or one logo and/or one telephone number completely or partially and/or one fax number completely or partially and/or a telex number completely or partially, identifying the object in the system.

9. A system according to claim 8, characterized in that at least one object coordinate represents all possible data combinations identifying the object according to claim 7.

10. A system according to any one of claims 1 to 9, characterized in that digits or words identifying the object in the system are in any language of world countries.

11. A system according to any one of claims 1 to 10, characterized in that the display unit is embodied as a unit for outputting data on hard copies and/or a visual display unit and/or an audio display unit and/or a printing unit.

12. A system according to any one of claims 1 to 11, characterized in that the display unit is capable of displaying a two-dimensional image and/or a three-dimensional image and/or a topographic image of place objects and the condition of roads.

13. A system according to any one of claims 1 to 12, characterized in that data identifying an object (objects) are represented in the memory unit with object data with taking into account its (their) position(s) along a height of the building(s) using at least one three-dimensional space coordinate.

14. A system according to any one of claims 1 to 13, characterized in that characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) with a minimum number of traffic lights.

15. A system according to any one of claims 1 to 13, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) with a minimum number of turns and U-turns.

16. A system according to any one of claims 1 to 13, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) with taking into account running in the immediate vicinity from objects set by a

user.

17. A system according to any one of claims 1 to 13, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) in accordance with a minimum path length.

18. A system according to any one of claims 1 to 13, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) in accordance with a minimum travel path with taking into account the presence of traffic lights.

19. A system according to any one of claims 1 to 13, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) in accordance with a preset running time.

20 A system according to any one of claims 1 to 13, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) with display of a travel route and/or a running time.

21. A system according to any one of claims 1 to 13, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) with display of a current time and/or a residual time to be spent to achieve the final object(s).

22. A system according to any one of claims 14 to 21, characterized in that the travel route determining unit is capable of determining a route for traveling from an initial point to the object(s) from all possible combinations according to any one of claims 13 to 20.

23. A system according to claim 22, characterized in that it is positioned in a stationary point.

24. A system according to any claim 22, characterized in that it is positioned in a mobile point.